

0902912-1001

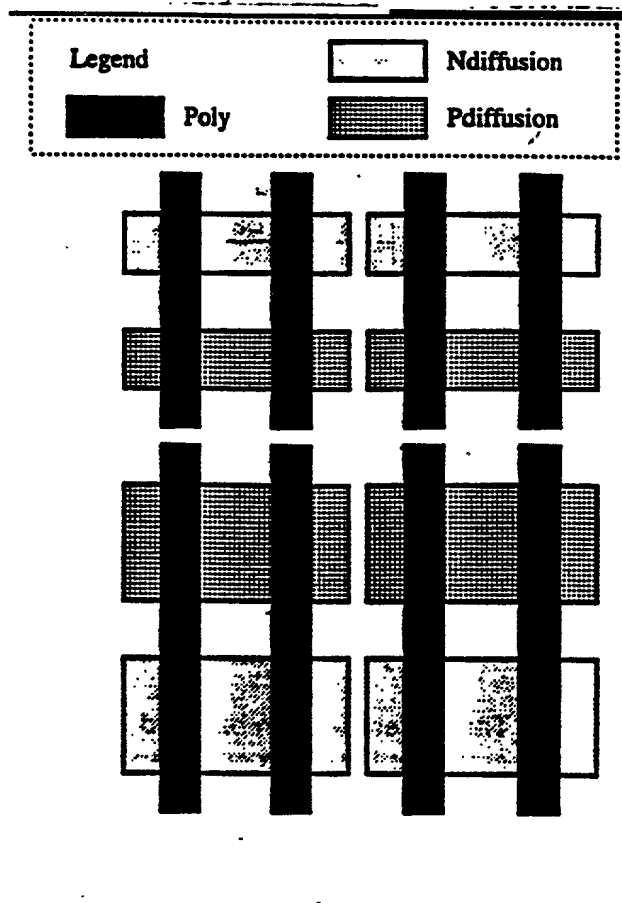
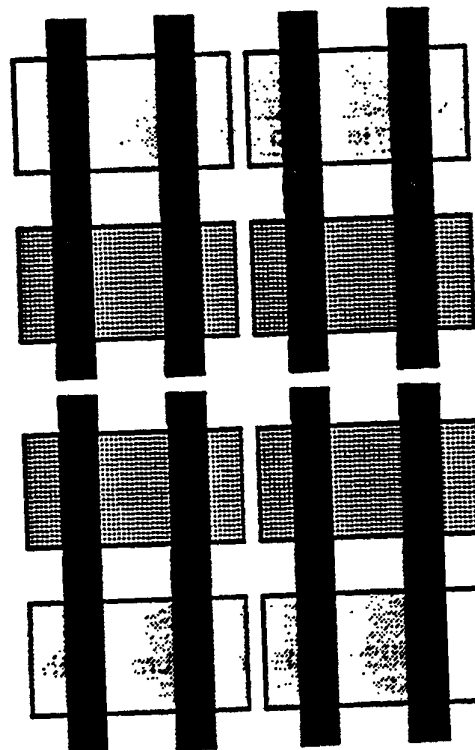
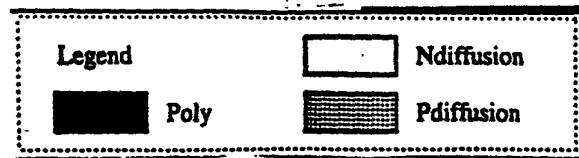


FIG. 1

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Traditional Approach

FIG. 2

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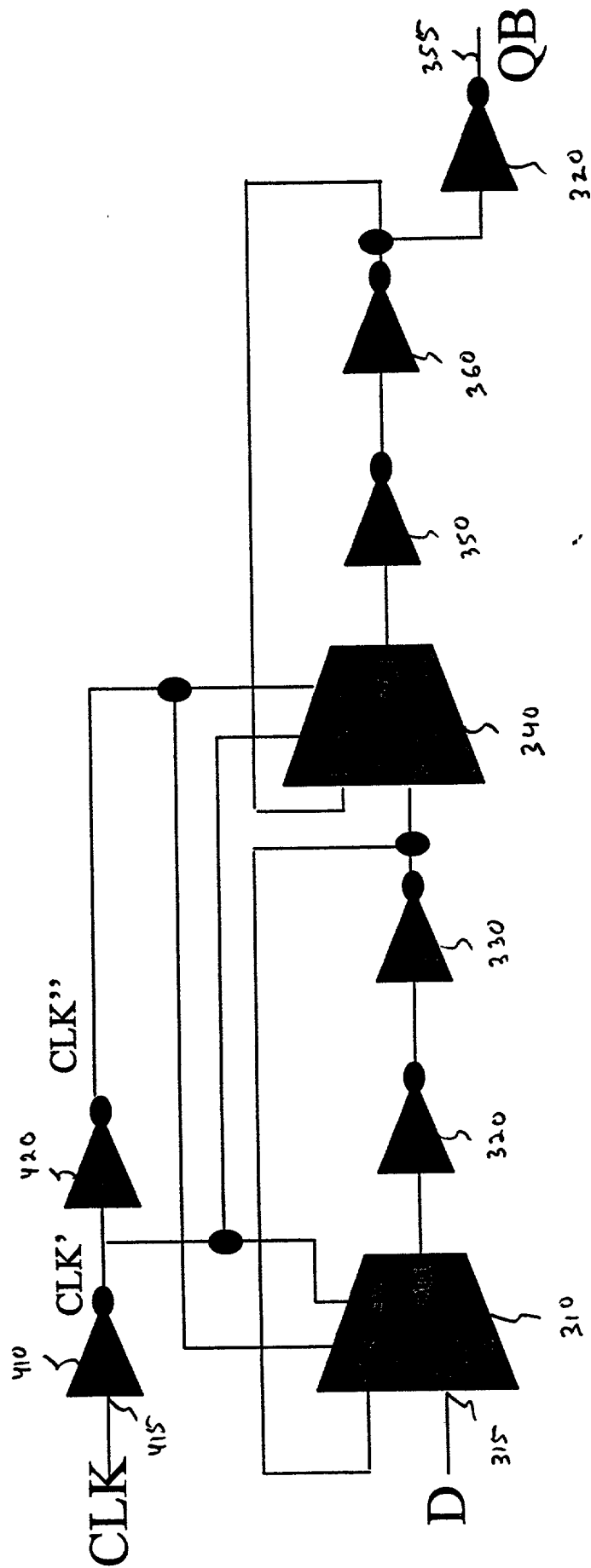


FIG. 3

09902512 "C" 001

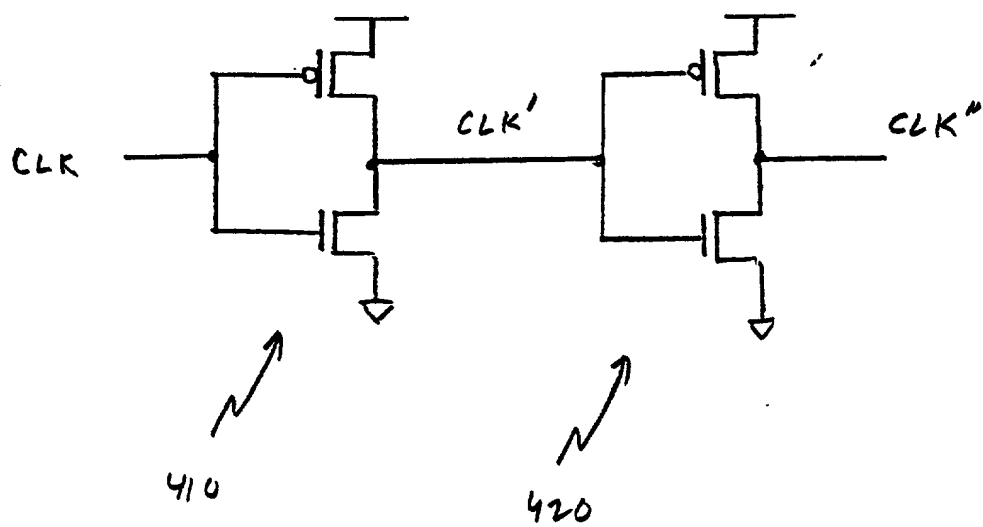


FIG. 4

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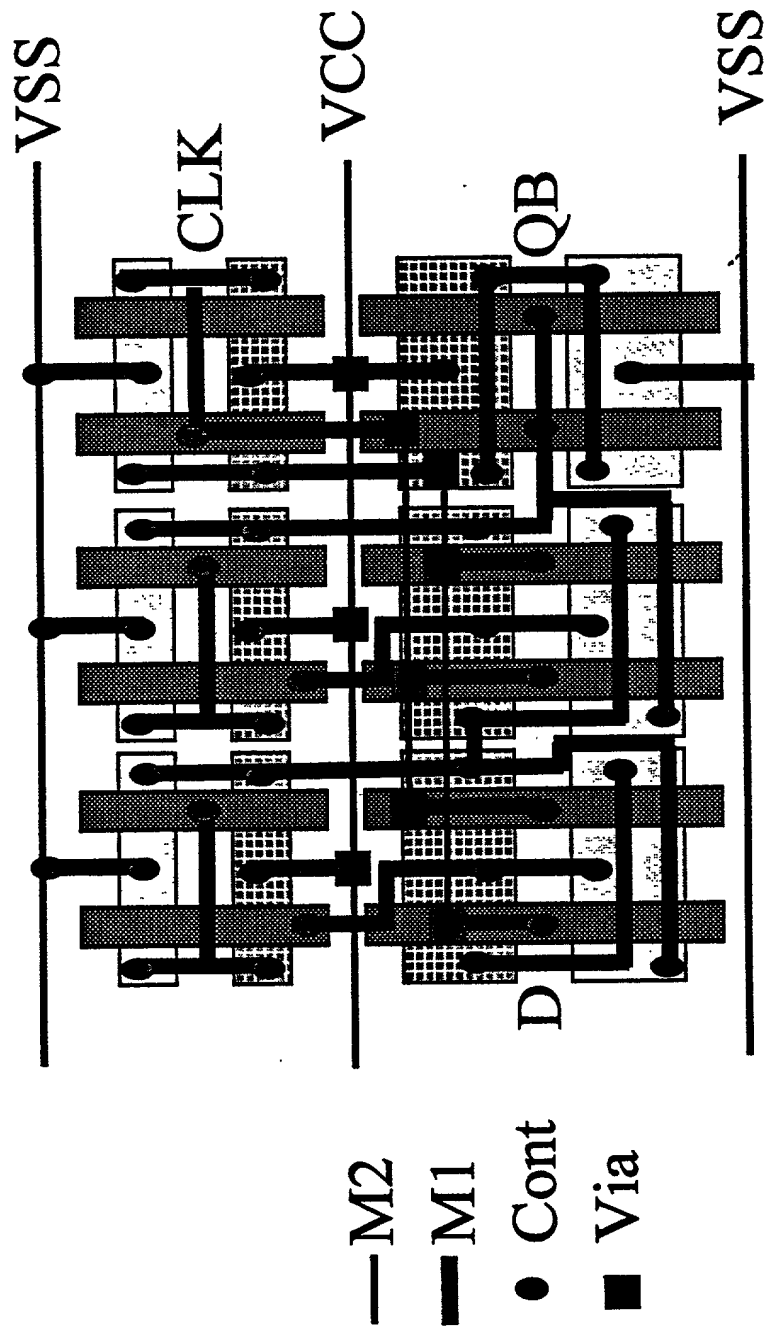


FIG. 5

Table 1

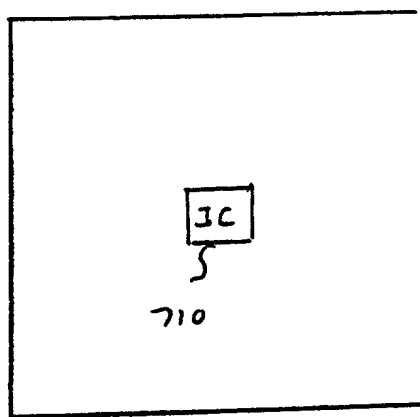
Name	Clock Pin Power	Notes
Capacitance Improved	0.06 pJ	FIG. 2
Si Arc	0.13 pJ	Si Arc CBA
Traditional	0.15 pJ	FIG. 2

pJ = pico Joules

FIG. 6

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700

FIG. 7

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